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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY DOCKET NO. 1335.00007		SERIAL NO. 08/949,213						
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT: Herbert M. Reynolds et al.								
				FILING DATE October 10, 1997		GROUP 3108						
U.S. PATENT DOCUMENTS												
Examiner Initial	Document No.						Date	Name	Class	Sub- Class	Filing Date	
FOREIGN PATENT DOCUMENTS												
	Document No.						Date	Country	Class	Sub- Class	Transl.	
										Yes	No	
OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)												
	Progress with Human Factors in Automotive Design: Seating Comfort, Visibility, and Safety, Published by											
	Society of Automotive Engineers, Inc., February 1997.											
Examiner	RAEVD						Date Considered					7-22-04
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U.S. PATENT DOCUMENTS						
Examiner Initial	Document No.	Date	Name	Class	Sub- Class	Filing Date
RL	3 1 4 7 6 1 7	09/08/64	Kaptur, Jr. et al.	73	172	02/06/61
RL	3 7 7 8 1 0 4	12/11/73	Kusters	297	458	04/21/71
RL	4 0 2 6 0 4 1	05/31/77	Kennedy	35	26	04/28/76
RL	4 2 4 2 8 0 2	01/06/81	Jenner et al.	33	174	05/17/79
RL	4 5 7 8 8 7 5	04/01/86	Vertin	33	562	10/17/83
RL	4 6 8 8 8 5 3	08/25/87	Watts	297	459	01/30/86
RL	4 7 2 8 1 5 0	03/01/88	Gaudreau, Jr.	297	383	10/08/86
RL	4 9 9 3 1 6 4	02/19/91	Jacobsen	33	561.3	07/05/90
RL	4 9 9 8 3 5 4	03/12/91	Silverman et al.	33	514.2	06/20/90
RL	5 0 1 8 7 9 0	05/28/91	Jay	297	458	03/12/90
RL	5 0 5 8 2 8 5	10/22/91	Morita et al.	33	563	07/18/90
FOREIGN PATENT DOCUMENTS						
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RL			5 0 6 0 3 9 3								10/29/91			Silverman et al.												33			512			03/11/91							
RL			5 1 9 3 2 8 5								03/16/93			Heinrich et al.												33			514.2			08/01/91							
RL			5 2 3 5 9 8 8								08/17/93			Johnson et al.												128			774			07/15/91							
RL			5 3 7 5 6 1 0								12/27/94			LaCourse et al.												128			782			04/28/92							
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete If Known	
		Application Number	08/949,213
		Filing Date	October 10, 1997
		First Named Inventor	Herbert M. Reynolds et al.
		Group Art Unit	2856
		Examiner Name	R. Raevis
Sheet	1	of	2
		Attorney Docket Number	1335-00007 (60,598-001)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
RR	1	Devices for Use in Defining and Measuring Vehicle Seating Accomodation – SAE J826 April 1980	
RR	2	Spatial Geometry of the Human Pelvis, by H.M. Reynolds, C.C. Snow, J.W. Young, Civil Aeromedical Institute, March 1982	
RR	3	Geometric Model and Spinal Motions of the Average Male in Seated Postures, by W. Haas, Thesis, March/April 1990	
RR	4	The Use of Electromyography for Seat Assessment and Comfort Evaluation, by T. Bush, F.T. Mills, K. Thakurta, R.P. Hubbard and J. Vorro, International Congress and Exposition, February 1995 (950143)	
RR	5	Selected Design Parameters for Relining Seats Based on Engineering Anthropometry; M.M. Ayoub, S. Deivanayagam; Department of Industrial Engineering Texas Tech University, Lubbock, Texas; September 1977	
RR	6	An Investigation of Driver Discomfort and Related Seat Design Factors in Extended Duration Driving; Matthew P. Reed, Masatsugo Saito and Yasuo Kakishima, Nahm S. Lee & Lawrence W. Schneider; International Congress and Exposition, Detroit, MI Feb 25- March 1, 1991	
RR	7	Lumbar Support in Auto Seats: Conclusions from a Study of Preferred Driving Posture; Matthew P. Reed and Lawrence W. Schneider International Congress & Exposition, Detroit, MI February 26-29, 1996	
RR	8	A Kinematic Model of the Human Spine and Torso, Gary Monheit and Norman I. Badler; University of Penn	
RR	9	Some Effects of Lumbar Support Contour on Driver Seated Posture; Matthew P. Reed, Lawrence W. Schneider and Bethany A. H. Eby; University of Michigan	
RR	10	Distribution of Automobile Trip Durations for Studies of Seat Comfort; Matthew P. Reed and Dawn L. Massie; University of Mich.; International Congress and Exposition, Detroit, MI Feb 26-29, 1996	
	11	Spinal Curvature of Young Adult Females; Herbert M. Reynolds, James J. Rechten, Grayson W. Marshall and Sally Marshall	

Examiner Signature	RAEWIS	Date Considered	7-22-04
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RR	12	Anatomical Frames of Reference and Biomechanics; Herbert M. Reynolds and Robert P. Hubbard; Department of Biomechanics, Michigan State University Human Factors, 1980 22(2) 171-176	
RR	13	The Influence of Backrest Inclination and Lumbar Support of Lumbar Lordosis; G.B.J. Anderson, MD, PhD; R.W. Murphy, MD, R. Ortengren, PHD; and A.L. Nachemson, MD, PhD.; Spine Volume 4, Number 1 January/February 1979	
RR	14	Lumbar Disc Pressure and Myoelectric Back Muscle Activity During Sitting; IV Studies on a Car Driver's Seat; R.J. G. Anderson, R. Ortengren, A Nachemson and G. Ellstrom; Scand J. Rehab Med 6:128-133, 1974	
RR	15	A Design Layout and Method for Relating Seating to the Occupant and Vehicle; F.W. Babbs; T.I. Cox; Ergonomics, 1979, Vol 22 No 2, 227-234	
	16	The Driving Seat—Its Adaptation to Functional and Anthropometric Requirement; Royal Aircraft Establishment	
RR	17	Erect, Neutral and Slump Sitting Postures; A Study of the Torso Linkage System from Shoulder to Hip Joint; Herbert M. Reynolds; October 1994	

Examiner Signature	RAEVL	Date Considered	7-22-04
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